



LINE CARD

Energy Storage Line Card - 51.2V And 48V Systems

Wall-mounted, stackable and rack-mounted 51.2V storage, 48V telecom backup and liquid-cooled commercial ESS cabinets, with the expansion path for each format.

Every pack in this line card shares the same construction: brand-new grade A LiFePO₄ cells and a top-brand smart BMS with over-charge, over-discharge, over-current, short-circuit, temperature and cell balancing protection.

Key Figures

Figure	Value
Manufacturer	Shenzhen Sike Power Technology Co., Ltd.
Location	1st and 2nd floors, BAK Industrial Park Factory Building B07, No. 119-1 Kuipeng Road, Da Peng New District, Shenzhen, China
Battery expertise in the team	20+ years
Products published	32
Cells	Brand-new grade A LiFePO ₄ , top-brand smart BMS
Factory certification (stated)	ISO9001, ISO14001, ISO45001
Product certificates across the range	CE, UN38.3, MSDS, UL, IEC, ROHS
After-sales complaint rate	lower than 0.05% over the past five years
Contact	sike@sike-power.com WhatsApp +86 198 4987 5727 Office +86 755 28682116

Powerwall Lithium Batteries (4)

Wall-mounted 51.2V home storage from 5 kWh to 30 kWh, 6000+ cycles, five-year warranty, IP54 on the wall-hung models.

	Model	Capacity	Key figures	Certificates
	30 kWh 51.2V 600Ah Floor-Standing LiFePO4 Battery 51.2V 600Ah / 30 kWh	600 Ah / 30 kWh	Cycle life: 6000+ cycles Nominal voltage: 51.2 V	CE, MSDS, IEC, UN38.3, ISO
	15 kWh 51.2V 300Ah Powerwall LiFePO4 Battery 51.2V 300Ah / 15 kWh	300 Ah / 15 kWh	Cycle life: 6000+ cycles Ingress protection: IP54 Nominal voltage: 51.2 V	CE, UL, MSDS, IEC, UN38.3, ISO
	10 kWh 51.2V 200Ah Wall Mounted LiFePO4 Battery 51.2V 200Ah / 10 kWh	200 Ah / 10 kWh	Cycle life: 6000+ cycles Ingress protection: IP54 Nominal voltage: 51.2 V	CE, UL, MSDS, IEC, UN38.3, ISO
	5 kWh 51.2V 100Ah Powerwall Lithium Battery 51.2V 100Ah / 5 kWh	100 Ah / 5 kWh	Cycle life: 6000+ cycles Nominal voltage: 51.2 V	CE, UL, MSDS, IEC, UN38.3, ISO

Stackable Lithium Batteries (4)

51.2V modules that stack from 5 kWh to 30 kWh, 6000+ cycles, RS232, RS485 and CAN communication.

	Model	Capacity	Key figures	Certificates
	5 kWh And 10 kWh Floor-Standing Stackable Lithium Battery 51.2V 100Ah module / 5 kWh	100 Ah / 5 kWh	Dimensions: 600 x 184 x 1100 mm Cycle life: 6000+ cycles Communication: RS232, RS485, CAN Nominal voltage: 51.2 V	MSDS, UN38.3, CE, ROHS, UL
	51.2V 20 kWh And 30 kWh Stackable Lithium Battery 51.2V stack / 20-30 kWh	51.2V stack / 20-30 kWh	Cycle life: 6000+ cycles Communication: RS232, RS485, CAN Nominal voltage: 51.2 V	MSDS, UN38.3, CE, ROHS, UL
	48V 51.2V 200Ah 10 kWh Stackable Lithium Battery 51.2V 200Ah / 10 kWh	200 Ah / 10 kWh	Dimensions: 540 x 600 x 168 mm Cycle life: 6000+ cycles Communication: RS232, RS485, CAN Nominal voltage: 51.2 V	MSDS, UN38.3, CE, ROHS, UL
	51.2V 100Ah Stackable Lithium Battery Module 51.2V 100Ah / 5 kWh module	100 Ah / 5 kWh	Dimensions: 540 x 600 x 168 mm Cycle life: 6000+ cycles Communication: RS232, RS485, CAN Nominal voltage: 51.2 V	MSDS, UN38.3, CE, ROHS, UL

Rack Mount Lithium Batteries (2)

19-inch 51.2V modules at 5 kWh and 10 kWh, 6000+ cycles, IP54, for racks that have to stay serviceable.

	Model	Capacity	Key figures	Certificates
	Rack Mount 10 kWh 51.2V 200Ah Lithium Battery 51.2V 200Ah / 10 kWh rack module	200 Ah / 10.24 kWh	Dimensions: 442 x 580 x 228 mm Weight: 81 kg BMS current: 150 A smart BMS Cycle life: 6000+ cycles	MSDS, UN38.3, CE, ROHS, UL
	5 kWh Rack Mounted 51.2V 100Ah LiFePO4 Battery 51.2V 100Ah / 5.12 kWh rack module	100 Ah / 5.12 kWh	Dimensions: 482 x 480 x 133 mm Weight: 41 kg BMS current: 100 A smart BMS Cycle life: 6000+ cycles	MSDS, UN38.3, CE, ROHS, UL

48V Lithium Telecom Batteries (4)

48V server rack packs at 50Ah, 100Ah and 200Ah for base stations, exchanges and data centres, 6000+ cycles, 19-inch format.

	Model	Capacity	Key figures	Certificates
	Rack Mount 48V 200Ah LiFePO4 Telecom Battery 48V 200Ah / 10 kWh	200 Ah / 10 kWh	Cycle life: 6000+ cycles Nominal voltage: 48 V	CE, UL, MSDS, IEC, UN38.3, ISO
	48V 100Ah LiFePO4 Battery For Telecom And Data Centres 48V 100Ah / 4800 Wh	100 Ah / 4800 Wh	Dimensions: 482 x 480 x 132 mm Weight: 40 kg BMS current: 100 A smart BMS Cycle life: 6000+ cycles	MSDS, UN38.3, CE, ROHS, UL
	Rack Mount 48V 50Ah Lithium Battery 48V 50Ah / 2400 Wh	50 Ah / 2400 Wh	Dimensions: 482 x 480 x 132 mm Weight: 27 kg BMS current: 50 A smart BMS Cycle life: 6000+ cycles	MSDS, UN38.3, CE, ROHS, UL
	2.4 kWh 48V 50Ah Server Rack Lithium Battery For Telecom 48V 50Ah / 2.4 kWh telecom	50 Ah / 2400 Wh	Dimensions: 482 x 480 x 132 mm Weight: 27 kg BMS current: 50 A smart BMS Cycle life: 6000+ deep discharge cycles	MSDS, UN38.3, CE, ROHS, UL

Commercial And Industrial ESS (2)

Liquid-cooled all-in-one 215 kWh and 232 kWh cabinets integrating LFP battery, BMS, PCS, EMS, thermal control and fire protection.

	Model	Capacity	Key figures	Certificates
	Liquid-Cooled 232 kWh All-In-One ESS Cabinet 232 kWh / 832V	232 kWh	Nominal voltage: 832 V	Ask for the current set

	Model	Capacity	Key figures	Certificates
	All-In-One 215 kWh Commercial Industrial ESS 215 kWh / 768V	215 kWh	Nominal voltage: 768 V	Ask for the current set

Choosing A Format

Format	Choose it when
Wall mounted powerwall	Capacity is settled, a suitable wall is available, and the install should stay off the floor.
Stackable	Capacity will grow in steps, or modules have to be carried in through a normal door and assembled in place.
19-inch rack	There is already a cabinet, or modules need to be field swappable without taking the bank down.
48V telecom	The site runs 48V DC plant and hold-up time is the specification, not daily cycling.
Liquid-cooled ESS cabinet	Commercial or industrial scale, where the PCS, EMS, thermal control and fire protection should arrive integrated.

Every figure in this document is reproduced from the product data behind www.sikebattery.com. Where a figure is not published - a test condition behind a cycle rating, a production capacity - this document says so rather than estimating one. Confirm the current revision with your quotation.

Shenzhen Sike Power Technology Co., Ltd. | 1st and 2nd floors, BAK Industrial Park Factory Building B07, No. 119-1 Kuipeng Road, Da Peng New District, Shenzhen, China | sike@sike-power.com | www.sikebattery.com